

FIG. 1 Prior Art

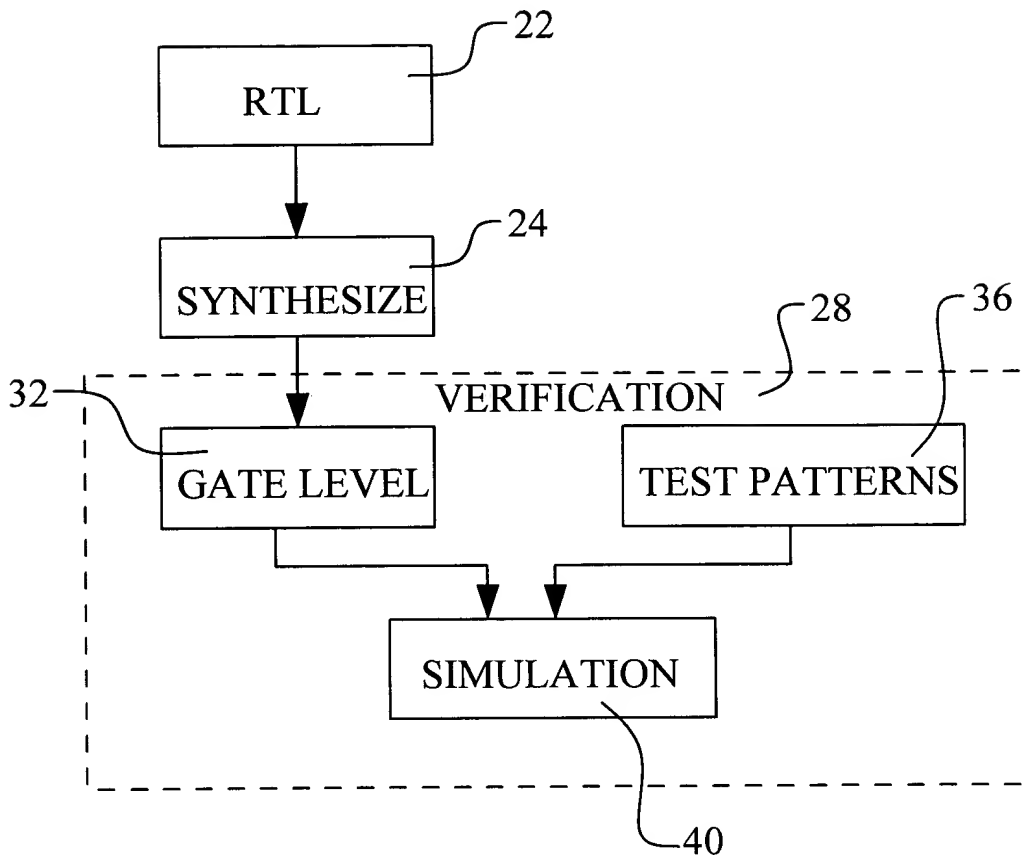


FIG. 2 Prior Art

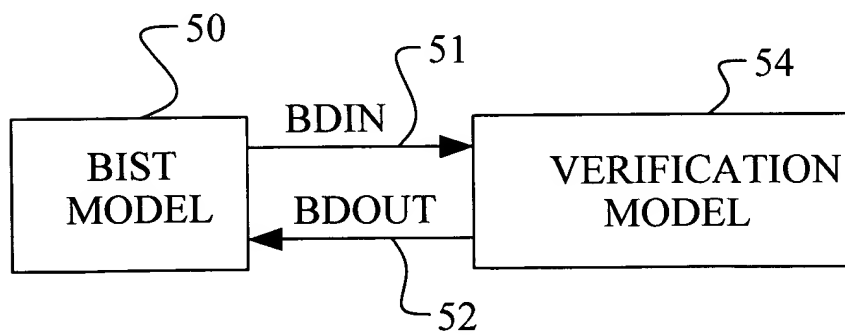


FIG. 3

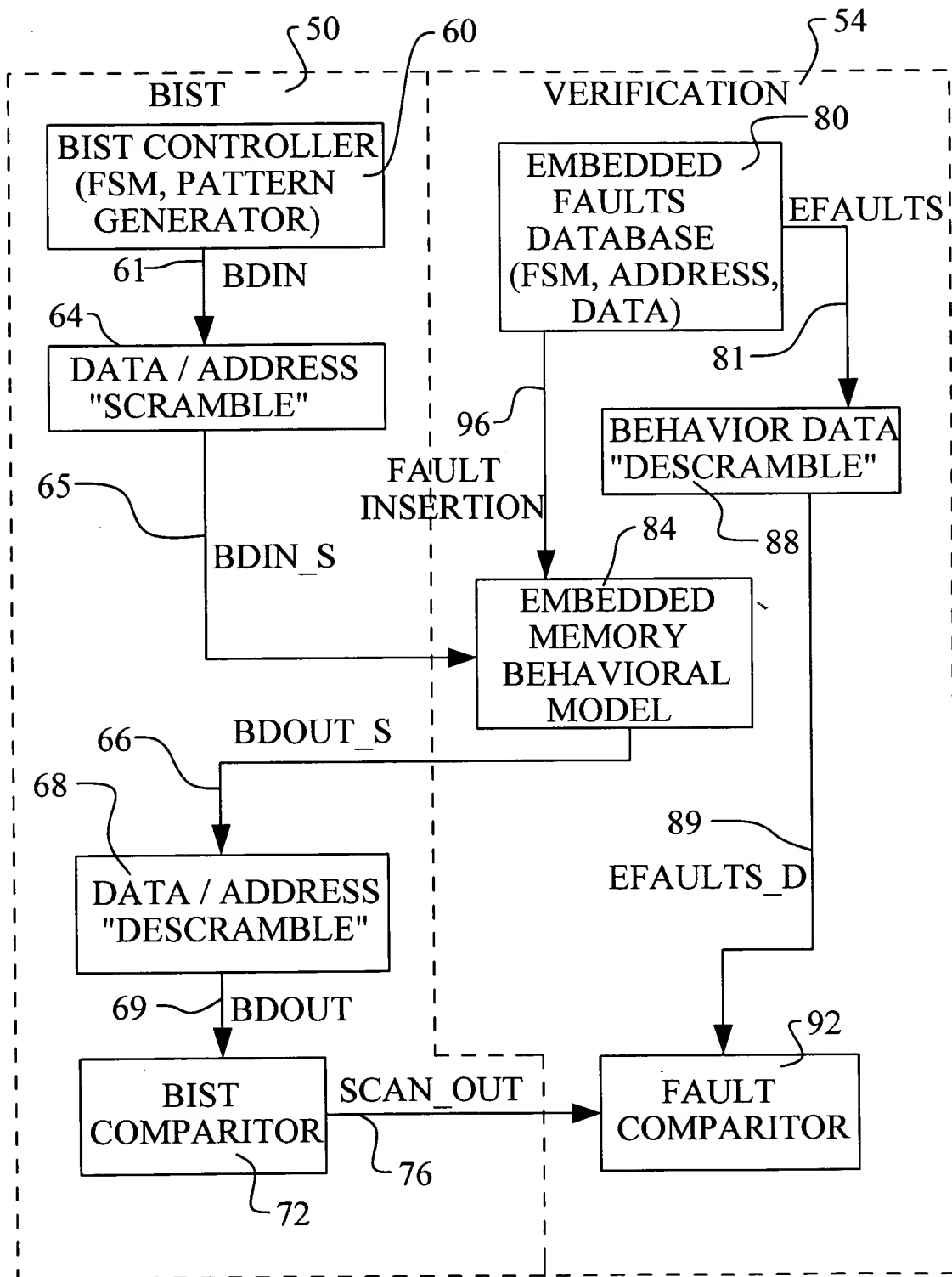


FIG. 4

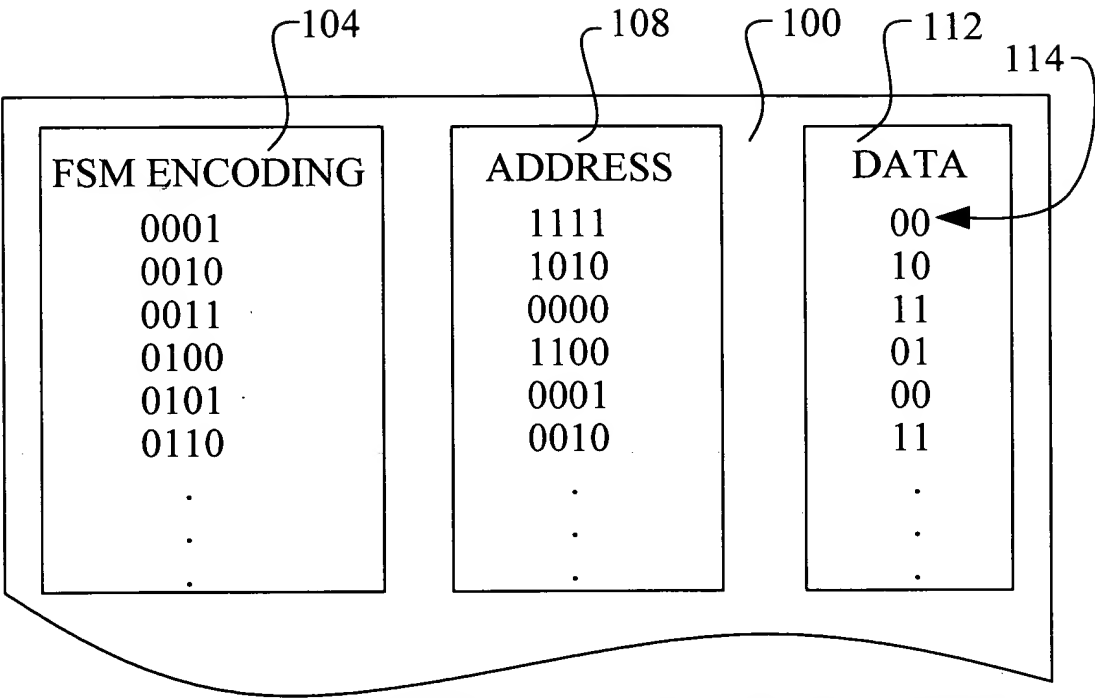


FIG. 5 EMBEDDED FAULTS DATABASE

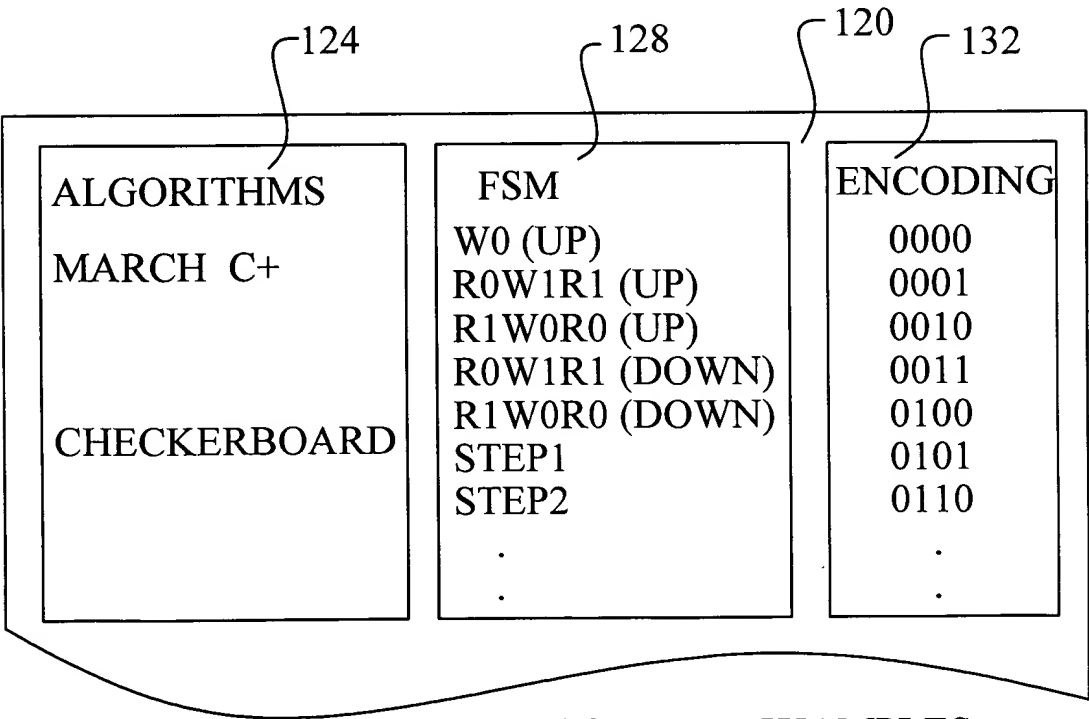


FIG. 6 ALGORITHM EXAMPLES